REMARKS / ARGUMENTS

In the Office action of July 30, 2007 claims 1-45 were finally rejected. The applicants request amendment of the application as indicated above and continued examination.

In the Office action of February 7, 2007, claims 6 -8, 12, 21-23, 27, 36 - 38 and 42 were rejected as indefinite because the claims include a trademark or trade name and, according the Office action, where a trademark or trade name is used in a claim to identify a particular material or product, the claim does not comply with the requirements of 35 U.S.C. 112, second paragraph. In response to the applicants arguments, the Office action of July 30, 2007, asserts that it is not clear that the disclosure provides sufficient enablement and "it must clear what versions and products are being identified by Applicant's use of trademarks/ trade names." The applicants request amendment of claims 12, 27, and 42 to delete the recitation of a trade name. In addition, the applicants request amendment of claims 6, 21, and 36, as indicated above, to recite that the virtual machine conforms to the JAVA VIRTUAL MACHINE SPECIFICATION and amendment of the specification, as indicated above, to identify a particular publication of the JAVA VIRTUAL MACHINE SPECIFICATION. The applicants respectfully submit that, as amended, the disclosure provides sufficient enablement by identifying a specific specification that describes a specific virtual machine with particularity. Further, the applicants submit that the presence of a trademark or trade name in a claim is not *per se* improper under 35 U.S.C. 112, second paragraph, (MPEP 2173.05(u)) and that the trademark JAVA is not used to identify a particular material or product (a virtual machine) in claims 6, 21, and 36 but rather is used to identify a specification, the JAVA VIRTUAL MACHINE SPECIFICATION that describes a computing device known as a virtual machine. The applicants respectfully submit that the trademark is used correctly to identify a source of a specification for a computing device and that the claims are definitive of what the public is not free to use *Ex parte Simpson*, 218 USPQ 1020, 1022 (Bd. App. 1982) because the JAVA VIRTUAL MACHINE SPECIFICATION is readily available and defines with particularity a virtual machine enabling the public to determine whether another virtual machine is equivalent to the claimed machine. The applicants request withdrawal of the rejection of the claims for indefiniteness and/or the objection to the specification for insufficient enablement.

Claims 1-45 stand rejected under 35 U.S.C. 101 because if appears that the claims do

not include hardware necessary to realize the functionality of the software and the claims do not appear to recite the plural computer applications concurrently operating on the system. The applicants request amendment of claims 1, 16 and 31 as indicated above and submit that as amended the claims recite hardware for the system and concurrent operation of plural applications. The applicants request withdrawal of the rejection under 35 U.S.C. 101.

Claims 1-4, 6, 9-11, 13-19, 21, 24-26, 28-34, 36,39-41 and 43-45 stand rejected under 35 U.S.C. 103 as unpatentable over Cranston et al. (US 6,829,769) (Cranston) in view of Galluscio et al. (US 7,152,231) (Galluscio). Claims 5, 20, and 35 stand rejected under 35 U.S.C. 103 as unpatentable over the combination Cranston, Galluscio and Martin et al. (US7,071,160) (Martin) and claims 7,8,12,22,23,37,38 and 42 stand rejected under 35 U.S.C. 103 as unpatentable over the combination Cranston, Galluscio and Jaworski. The applicants request amendment of claims 1, 16 and 31 as indicated above. According to the Office action, Cranston teaches a system for concurrent operation of plural computer applications comprising (a) shared object space capable of storing a plurality of updateable objects accessible to each of the applications and (b) a queue capable of storing references to individual objects received one of the applications. The applicants respectfully submit that claims 1, 16, and 31 and, by reason of dependency claims 2-15, 17-30, and 32-45, are not obvious from Cranston in view of Galluscio because neither discloses or suggests that the object in the shared memory is identifiable from the reference stored in the shared queue. Both Cranston and Galluscio disclose systems for interprocess communication where messages are being passed between two processes that are aware of each other. The message is stored in a shared memory location and the receiving application is notified the location of the message data by an entry in a queue. In the case of Cranston, the entry in the queue is a "process agnostic (process unknown) memory handle" (Abstract) which, as illustrated in FIG. 5, indicates the location in the memory where the message is stored but does identify the object at that memory location. Likewise, in the interprocess communication system of Galluscio the receiving process is notified of the location of the message data from a memory offset in a message queue (col. 4, line(s) 37-42). The applicants respectfully submit that the claimed systems are not obvious because, even if combined, the prior art does not disclose the claimed systems. The applicants request withdrawal of the rejection of claims 1-45.

The applicants respectfully request that a timely Notice of Allowance be issued in this

case. If the Examiner believes that for any reason direct contact with applicants' attorney would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the number below.

This amendment is submitted with a request for continued examination and a request for extension of time and the applicants provisionally petition for an additional extension of time, if necessary. The applicants assert that no additional claim fees are due. However, the Commissioner is hereby authorized to charge any required additional fee for any additional extension of time or additional claims to the Deposit Account identified in the enclosed petition for extension of time.

Respectfully submitted,
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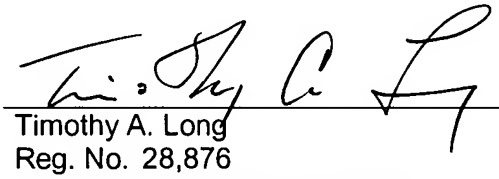
By: 

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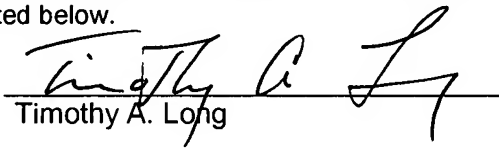
CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Dated: November 30, 2007



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